

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111969.01		APPLICATION NO. Rule 53(b) Divisional of Application No. 10/073,857 CON : 10/748 183	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Atsushi UMEDA			
				FILING DATE December 31, 2003		PRIOR GROUP 2834	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
UP		5,122,705	6/1992	Kusase et al.	310	680
UP		5,998,903	12/1999	Umeda et al.	310	179
UP		5,955,810	9/1999	Umeda et al.	310	208
UP		5,444,355	8/1995	Kaneyuki et al.	322	58
UP		4,710,661	12/1987	Gjota Warner et al.	310	360
UP		5,686,774	11/1997	Slavik et al.	310	198
UP		5,936,326	8/1999	Umeda et al.	310	179

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
UP		EP 0 18 835 A1	11/1980	Europe	—	—
UP		DE 32 02 958 A1 w/ conc. exp.	8/1983	Germany	—	—
UP		0 534 153 A1	3/1993	Europe	—	—
UP		0 828 335 A1	3/1998	Europe w/Abstract	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

EXAMINER <i>Leophaun</i>	DATE CONSIDERED 8/23/04
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: December 31, 2003



(1)

Sheet 1 of 1

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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
<i>W</i>	1	JP B-148045	10/10/1941	Japan	—	—	
<i>W</i>	2	JP B-33743	2/1/1919	Japan	—	—	
<i>W</i>	4	JP-A-4-8140	1/13/1992	Japan w/Abstract	—	—	
<i>W</i>	5	JP-B-2927288	5/14/1999	Japan w/Abstract	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <i>Ledaphan</i>				DATE CONSIDERED <i>8/23/04</i>			
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Date: June 22, 2004